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PN - JP4044533 A 19920214
PD - 1992-02-14
PR - JP19900154923 19900612
OPD - 1990-06-12
TI - SAFETY DEVICE FOR CONSTRUCTION MACHINERY
IN - SAGI KAZUYUKI
PA - YUTANI JUKO KK
IC - E02F9/16 ; E02F9/24

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AP - JP19900154923 19900612
IN - SAGI KAZUYUKI
PA - YUTANI HEAVY IND LTD
TI - SAFETY DEVICE FOR CONSTRUCTION MACHINERY
AB - PURPOSE: To prevent a danger from occurring by returning automatically a control box to the rear end position when an operator leaves his seat, and inclining and moving the control box when the operator takes his seat.
- CONSTITUTION: When an operator takes an operator's seat 2', a switch 29 is turned ON, and pressure oil is supplied to an oil chamber 38 of a loose spring cylinder from a hydraulic source 43. At that time, the loose spring cylinder 35 is reduced and operated, and a control box 3 is automatically inclined forward. The operator pushes a knob 5 to fix the control box 3. After that, when the operator leaves the operator's seat 2', the switch 29 is turned OFF, oil pressure in the oil chamber 38 is reduced, so that the loose spring cylinder 35 makes extension work by spring force of a built-in spring 39. The control box 3 is automatically inclined backward, and a control lever 4 is automatically and surely locked.
- E02F9/24 ;E02F9/16

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(19)



JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: 04044533 A

(43) Date of publication of application: 14.02.92

(51) Int. Cl.

E02F 9/24

E02F 9/16

(21) Application number: 02154923

(71) Applicant: YUTANI HEAVY IND LTD

(22) Date of filing: 12.06.90

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(54) SAFETY DEVICE FOR CONSTRUCTION
MACHINERY

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(57) Abstract:

PURPOSE: To prevent a danger from occurring by returning automatically a control box to the rear end position when an operator leaves his seat, and inclining and moving the control box when the operator takes his seat.

CONSTITUTION: When an operator takes an operator's seat 2', a switch 29 is turned ON, and pressure oil is supplied to an oil chamber 38 of a loose spring cylinder from a hydraulic source 43. At that time, the loose spring cylinder 35 is reduced and operated, and a control box 3 is automatically inclined forward. The operator pushes a knob 5 to fix the control box 3. After that, when the operator leaves the operator's seat 2', the switch 29 is turned OFF, oil pressure in the oil chamber 38 is reduced, so that the loose spring cylinder 35 makes extension work by spring force of a built-in spring 39. The control box 3 is automatically inclined backward, and a control lever 4 is automatically and surely locked.

